



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-5239	Application No. 10/628,043
	Applicant Phillip Dan Cook, et al.	
	Filing Date July 25, 2003	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1	Asseline et al., "Nucleic acid-binding molecules with high affinity and base sequence specificity: Intercalating agents covalently linked to oligodeoxynucleotides", <i>Proc. Natl. Acad. Sci. USA</i> , 1984, 81, 3297-3301	
2	Atherton et al., "The Fluorenylmethoxycarbonyl Amino Protecting Group", <i>The Peptides</i> , Chapter 1, Gross and Meienhofer (eds.), Academic Press, New York, 1983, 9, 1-38	
3	Beaucage et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach", <i>Tetra. Letters</i> , 1992, 48, 2223-2311	
4	Bennett et al., "Cationic Lipids Enhance Cellular Uptake and Activity of Phosphorothioate Antisense Oligonucleotides", <i>Mol. Pharmacol.</i> , 1992, 41, 1023-1033	
5	Chollet, "Selective Attachment of Oligonucleotides to Interleukin 1 β and Targeted Delivery to Cells", <i>Nucleosides & Nucleotides</i> , 1990, 9(7), 957-966	
6	Cohen, <i>Oligonucleotides: Antisense Inhibitors of Gene Expression</i> , CRC Press, Inc., Boca Raton, Florida, 1989	
7	Corey et al., "Sequence-Selective Hydrolysis of Duplex DNA by an Oligonucleotide-Directed Nuclease", <i>J. Am. Chem. Soc.</i> , 1989, 111, 8523-8525	
8	Corey et al., "Generation of a Hybrid Sequence-Specific Single-Stranded Deoxyribonuclease", <i>Science</i> , 1987, 238, 1401-1403	
9	Delgado et al., "The Uses and Properties of PEG-Linked Proteins", <i>Critical Rev. in Therap. Drug Carrier Systems</i> , 1992, 9(3,4), 249-304	
10	DeVos et al., "Solid Phase Non Isotopic Labelling of Oligodeoxynucleotides Using 5'-Protected Aminoalkyl Phosphoramidites: Application to the Specific Detection of Human Papilloma Virus DNA", <i>Nucleosides & Nucleotides</i> , 1990, 9(2), 259-273	
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* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous to send and easily obtainable by the Examiner.



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u	11	Dreyer et al., "Sequence-specific cleavage of single-stranded DNA: Oligodeoxynucleotide-EDTA Fe(II)", <i>Proc. Natl. Acad. Sci. USA</i> , 1985, 82, 968-972	
	12	Gottikh et al., "Synthesis of Oligonucleotides Containing a Carboxyl Group at Either Their 5' End or their 3' End and Their Subsequent Derivatization by an Intercalating Agent", <i>Tetra. Letters</i> , 1990, 31(46), 6657-6660	
	13	Guerra et al., "Synthetic 6-Glucosyl Phospholipid as a Drug Transport System", <i>Tetra. Letters</i> , 1987, 28(31), 3581-3584	
	14	Haralambidis et al., "The Solid Phase Synthesis of Oligonucleotides Containing a 3'-Peptide Moiety", <i>Tetra. Letters</i> , 1987, 28(43), 5199-5202	
	15	Haralambidis et al., "Preparation of base-modified nucleosides suitable for non-radioactive label attachment and their incorporation into synthetic oligodeoxyribonucleotides", <i>Nucl. Acid Res.</i> , 1987, 15(12), 4857-4876	
	16	Hayakawa et al., "Allyl Protection in the Synthesis of Oligodeoxyribonucleotide Phosphorothioates", <i>Nucleosides & Nucleotides</i> , 1994, 13(6&7), 1337-1345	
	17	Judy et al., "Facile Preparation of 3'Oligonucleotide-Peptide Conjugates", <i>Tetra. Letters</i> , 1991, 32(7), 879-882	
	18	Krieg et al., "Uptake of Oligodeoxyribonucleotides by Lymphoid Cells is Heterogeneous and Inducible", <i>Antisense Res. And Dev.</i> , 1991, 1, 161-171	
	19	Lemairte et al., "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site", <i>Proc. Natl. Acad. Sci. USA</i> , 1986, 84, 648-652	
u	20	Leonetti et al., "Biological Activity of Oligonucleotide-Poly(L-lysine) Conjugates: Mechanism of Cell Uptake", <i>Bioconj. Chem.</i> , 1990, 1, 149-153	
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u	21	Letsinger et al., "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", <i>Proc. Natl. Acad. Sci. USA</i> , 1989, 86, 6553-6556	
	22	Manoharan et al., "2'-O- and 3'-O- Pyrimidine Aminotether-Containing Oligonucleotides: Synthesis and Conjugation Chemistry", <i>Tetra. Letters</i> , 1995, 36(21), 3647-3650	
	23	Manoharan et al., "Lipidic Nucleic Acids", <i>Tetra. Letters</i> , 1995, 36(21), 3651-3654	
	24	Miller et al., "A new approach to chemotherapy based on molecular biology and nucleic acid chemistry: Matagen (masking tape for gene expression)", <i>Anti-Cancer Drug Design</i> , 1987, 2, 117-128	
	25	Nelson et al., "Bifunctional oligonucleotide probes synthesized using a novel CPG support are able to detect single base pair mutations", <i>Nucl. Acids. Res.</i> , 1989, 17(18), 7187-7193	
	26	Ouchi et al., "Synthesis and Antitumor Activity of Poly(Ethylene Glycol)S Linked to 5-Fluorouracil Via a urethane or Urea Bond", <i>Drug Design and Disc.</i> , 1992, 9, 93-105	
	27	Ramirez et al., "Nucleotidophospholipids: Oligonucleotide Derivatives with Membrane-Recognition Groups", <i>J. Am. Chem. Soc.</i> , 1982, 104, 5483-5486	
	28	Ravasio et al., "Selective Hydrogenations Promoted by Copper Catalysis. 1. Chemoselectivity, Regioselectivity, and Stereoselectivity in the Hydrogenation of 3-Substituted Steroids", <i>J. Org. Chem.</i> , 1991, 56, 4329-4333	
	29	Shea et al., "Synthesis, hybridization properties and antiviral activity of lipid-oligodeoxynucleotide conjugates", <i>Nuc. Acids Res.</i> , 1990, 18(13), 3777-3783	
M	30	Stepkowski et al., "Blocking of Heart Allograft Rejection by Intercellular Adhesion Molecule-1 Antisense Oligonucleotides Alone or in Combination with Other Immunosuppressive Modalities", <i>J. Immunol.</i> , 1994, 5336-5346	
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	31	Stirchak et al., "Uncharged Stereoregular Nucleic Acid Analogues. 1. Synthesis of a Cytosine-Containing Oligomer with Carbamate Internucleoside Linkages", <i>J. Org. Chem.</i> , 1987, 52, 4202-4206	
	32	Telser et al., "Synthesis and Characterization of DNA Oligomers and Duplexes Containing Covalently Attached Molecular Labels: Comparison of Biotin, Fluorescein, and Pyrene Labels by Thermodynamic and Optical Spectroscopic Measurements", <i>J. Am. Chem. Soc.</i> , 1989, 111(18), 6966-6976	
	33	Veber et al., "Isonicotinyloxycarbonyl, a Novel Amino Protecting Group for Peptide Synthesis", <i>J. Org. Chem.</i> , 1977, 42(20), 3286-3288	
	34	Wachter et al., "A simple and efficient procedure for the synthesis of 5'-aminoalkyl oligodeoxynucleotides", <i>Nucl. Acids Res.</i> , 1986, 14(20), 7985-7994	
	35	Weller et al., "Molecular Modeling of Acyclic Polyamide Oligonucleotide Analogues", <i>J. Org. Chem.</i> , 1991, 56, 6000-6006	
	36	Yamana et al., "Synthesis and Interactive Properties of an Oligonucleotide with Anthraquinone at the Sugar Fragment", <i>Bioconjugate Chem.</i> , 1990, 1, 319-324	
	37	Yamana et al., "Synthesis of Oligonucleotide Derivatives with Pyrene Group at Sugar Fragment", <i>Tetra. Letters</i> , 1991, 32(44), 6347-6350	
	38	Zuckerman et al., "Site-Selective Cleavage of RNA by a Hybrid Enzyme", <i>J. Am. Chem. Soc.</i> , 1988, 110, 1614-1615	
	39	Ali et al., "Synthesis of extended carbamate and urea linked thymidine dimers," <i>Nucleosides & Nucleotides</i> , 1996, 15(9), 1531-1543	
	40	Conibear et al., "Measurement of nucleotide exchange kinetics with isolated synthetic myosin filaments using flash photolysis," <i>FEBS</i> , 1996, 380, 13-16	
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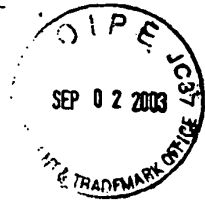


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u	41	Schirmeister et al., "The 2-(4-Nitrophenyl)ethoxycarbonyl(npeoc) and 2-(2,4-Dinitrophenyl)ethoxycarbonyl(dnpeoc) groups for protection of Hydroxy functions in ribonucleosides and 2'-deoxyribonucleosides," <i>Helv. Chim. Acta</i> , 1993 , 76, 385-400	
u	42	Uhlmann, E. et al., "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chem. Revs.</i> , 1990 , 90(4), 544-584	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
u	43	3,687,808	08/29/72	Merigan, Jr. et al.	195	28	
	44	4,469,863	09/04/84	Ts'o et al.	536	27	
	45	4,476,301	10/09/84	Imbach et al.	536	27	
	46	4,958,013	09/18/90	Letsinger	536	27	
	47	5,023,243	06/11/91	Tullis	514	44	
	48	5,034,506	07/23/91	Summerton et al.	528	391	
	49	5,130,302	07/14/92	Spielvogel et al.	514	45	
	50	5,134,066	07/28/92	Rogers et al.	435	91	
	51	5,138,045	08/11/92	Cook et al.	536	27	
	51	5,141,813	08/25/92	Nelson	428	402	
	52	5,166,195	11/24/92	Ecker	514	44	
	53	5,177,196	01/05/93	Meyer, Jr. et al.	536	22.1	
	54	5,212,295	05/18/93	Cooke	536	26.7	
	55	5,214,134	05/25/93	Weis et al.	536	25.3	
	56	5,216,141	06/01/93	Benner	536	27.13	
	57	5,223,618	06/29/93	Cook et al.	544	276	
u	58	5,242,906	09/07/93	Pagano et al.	514	44	
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	60	5,264,423	11/23/93	Cohen et al.	514	44
	61	5,264,562	11/23/93	Matteucci	536	23.1
	62	5,264,564	11/23/93	Matteucci	536	23.1
	63	5,321,131	06/14/94	Agrawal et al.	536	25.34
	64	5,359,044	10/25/94	Cook et al.	536	23.1
	65	5,359,051	10/25/94	Cook et al.	536	26.7
	66	5,378,825	01/03/95	Cook et al.	536	25.34
	67	5,399,676	03/21/95	Froehler	536	23.1
	68	5,405,939	04/11/95	Suhadolnik et al.	530	322
	69	5,432,272	07/11/95	Benner	536	25.3
	70	5,434,257	07/18/95	Matteucci et al.	536	24.3
	71	5,442,049	08/15/95	Anderson et al.	536	24.5
	72	5,455,233	10/03/95	Spielvogel et al.	514	44
	73	5,457,187	10/10/95	Gmeiner et al.	536	25.5
74	5,457,189	10/10/95	Crooke et al.	536	24.5	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
<i>u</i>	77	5,470,967	11/28/95	Huie et al.	536	24.3	
	78	5,484,908	01/16/96	Froehler et al.	536	24.31	
	79	5,489,677	02/06/96	Sanghvi et al.	536	22.1	
	80	5,495,009	02/27/96	Matteucci et al.	536	25.3	
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	82	5,506,351	04/09/96	McGee	536	55.3	
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	86	5,519,126	05/21/96	Hecht	536	24.3	
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	88	5,530,114	06/25/96	Bennett et al.	536	24.3	
	89	5,539,389	07/23/96	Bystrak et al.	340	825.52	
	90	5,541,307	07/30/96	Cook et al.	536	23.1	
	91	5,543,507	08/06/96	Cook et al.	536	23.1	
<i>u</i>	92	5,576,925	11/19/96	Gorowitz et al.	361	301.2	
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